ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Darryl M Washington	**9/25/02**	**02-0848**	—	x0734	2079	SE

8. CCR Title: Install new microcode on STK 9940A drives

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 10/02/02
Darryl Washington /s/ 10/2/02	**II**	**CCR**	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 27).
Carolyn Whitaker /s/ 10/02/02	Initial ECS Baseline Doc.	Routine

16. Documentation/Drawings Impacted (Review and submit checklist): 910-TDA-003	17. Schedule Impact: NONE	18. CI(s) Affected:

19. Release Affected by this Change: 6A	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☐NCR (attach)   ☐Action Item   ☐Tech Ref.   ☐GSFC   ☐Other:

23. Problem: (use additional Sheets if necessary)
STK 9940 drives have been exhibiting "loader" errors (5B41 & 5905) at most of the DAAC sites. STK has initiated a new firmware version to correct thes problems. EDC has been particularly plagued by this problem, and has been the "BETA" site for the testing of the new firmware (1.32.208). The new firmware has also been tested in the PVC Prototype LAN. The firmware is now GA (General Availablity) for commercial use, and can be installed at all DAACs. This code wil eliminate several drive related problems at the DAACs.

24. Proposed Solution: (use additional sheets if necessary)
Install the new microcode for STK 9940 (1.32.208) drives in all DAACs and the VATC.

25. Alternate Solution: (use additional sheets if necessary)

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
These "loader" errors are intermittent and unpredictable, but will potentially cause significant amounts of downtime when the problem does surface. This microcode resolves this problem.

27. Justification for Emergency (If Block 15 is "Emergency"):

28. Site(s) Affected: ☐EDF   ☐PVC   ☒VATC   ☒EDC   ☒ GSFC   ☒LaRC   ☒NSIDC   ☐SMC   ☐AK   ☐JPL
☐EOC   ☐ IDG Test Cell   ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): **Byron V. Peters /s/ 10/2/02**	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

33. M&O CCB Chair (Sign/Date): **G. G. Gavigan, Jr. /s/ 10/2/02**	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #: **02-0848** **Rev: —** **Originator:** Darryl M. Washington

Telephone: x0734 **Office:** 2079

Title of Change: Install new microcode on STK 9940A drives

STK has developed new microcode (1.32.208) for the 9940A drives to fix "loader" error observed at theDAACs. EDC has been the BETA Test site for the operational testing of these drives. The microcode has also been installed in the Landover EDF (PVC) for testing before it is deleivered to the field. The BETA version of the code has been made GA, and can now be installed at the other DAAC locations. This code should be installed on all 9940A drives in the ECS project.

CM01AJA00 Revised 8/2/02 *ECS*